

California OES Weather Threat Briefing

Thursday, November 22, 2018
9:00 AM PST

- **Days 1-2 Primary Hazards:** Storm systems will bring widespread rainfall, with a threat of mudslides and debris flows. Accumulating snowfall is expected in the Sierra, and strong winds are expected both in the Sierra and portions of northern California.

National Weather Service
Western Region Headquarters
Regional Operations Center
Salt Lake City, UT



Key Points

11/22/18 - 11/28/18

Thursday-Friday

- Rain and mountain snow will impact primarily northern and central California, with multiple rounds of precipitation through Friday night. No additional impacts are expected today in southern California; however, boulders and rocks have been known to fall onto canyon roads after storms have moved out.
- Snow levels will be around 5000-6000 feet. Accumulating snowfall will make travel very difficult in some mountain locations, with generally 8-16 inches storm total snow expected above 6,000 ft.
- Moderate to heavy rainfall could bring a threat of mudslides and debris flows. This threat is highest at wildfire burn scars, including the Camp, Carr, Delta, Hirz, and Mendocino Complex fire burn scar areas. Heaviest rainfall rates will be Thursday night into Friday morning
- Strong winds are expected across much of the Inland, with travel impacts expected for high profile vehicles and areas of property damage possible. These winds could also create elevated fire weather concerns in areas that do not receive enough precipitation today.



Key Points

11/22/18 - 11/28/18

Saturday-Monday

- Drier weather developing for the weekend.
- A weak Santa Ana event could bring offshore winds back to southern California Saturday night through Monday, creating elevated fire weather concerns.

Tuesday-Wednesday

- Another storm system could impact primarily northern California beginning next Tuesday.



California Weather Impacts

11/22/18 - 11/28/18

<u>Hazards / Day</u>	THU	FRI	SAT	SUN	MON	TUE	WED
Non-Thunderstorm Damaging Winds	Inland	Inland					
Snow	Sierra	Sierra				Inland	Inland
Coastal Flooding							
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)							
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)		Inland		Southern	Southern		
Heat Risk							
Heavy Rain / Flash Flooding / Debris Flow	Inland, Coastal	Inland, Coastal				Inland, Coastal	Inland, Coastal
Extreme Cold							



No Impacts



Minimal Impacts



Moderate Impacts



Severe Impacts

Debris Flow Potential

Flash Flood Watches are in effect for several burn scars across California including:

- **Camp, Carr, Delta, Hirz, and the Mendocino Complex Fire burn scar areas** through Friday afternoon
- **Ferguson burn scar area** in the southern Sierra through Thursday morning
- **Natchez and Eclipse burn scar areas** in far northern California through Friday afternoon
- Other burn scar areas across the state are being monitored but widespread impacts not expected at this time
- Those traveling in or along these areas should be prepared for possible road problems due to flooding, rock, and debris flows



Rainfall Forecast

- **Thursday/Friday**

- 1.00-2.00 inches of rain over the northern valleys
- 2.00-5.00 inches of rain over the northern foothills
- Dry across southern California
- Heaviest rainfall rates Thursday night through Friday morning

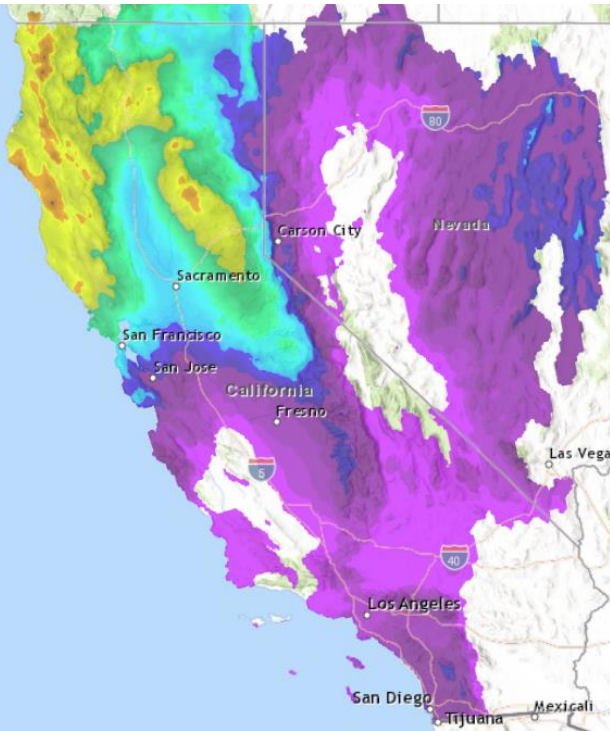
Winds

- Strong winds are expected Thursday and Friday across northern California, including:
 - **NE CA and Tahoe Basin:** 20-30 mph with gusts to 50 mph today, increasing to 25-35 mph with gusts 55-65 mph Friday. Highest gusts along the Hwy 395 corridor.
 - **Sacramento Valley:** Gusts 40-45 mph Thursday and Friday
 - **Eastern Sierra front (NV side):** Gusts 50-70 mph Thursday and Friday
 - **Sierra ridges:** Gusts 70-100+ mph Thursday and Friday

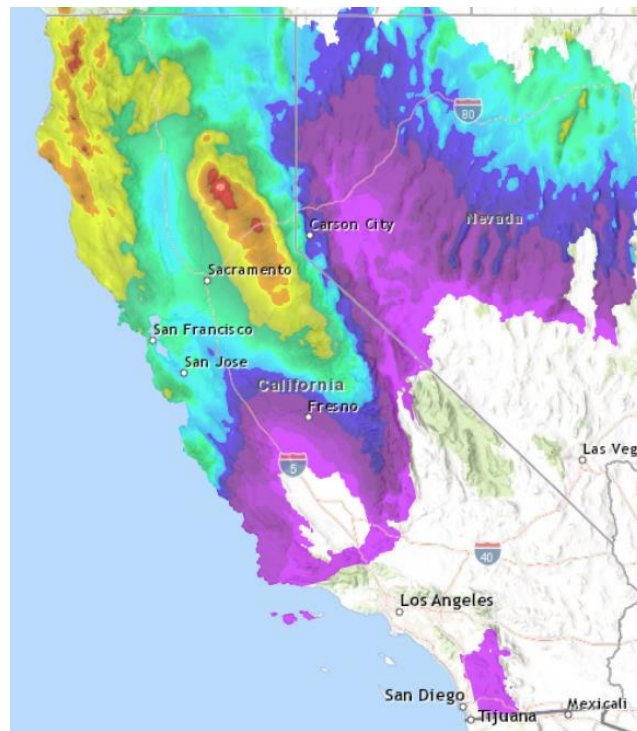


Precipitation Forecast

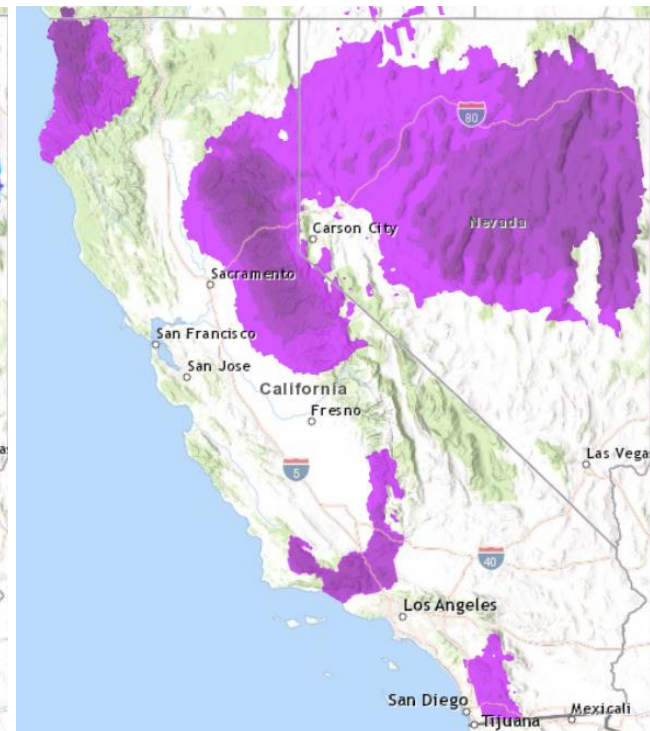
Precipitation (inches)



Thursday



Friday



Saturday



6-10 Day Outlook

Temperatures

- Above normal temperatures likely across the state

Precipitation

- Above normal precipitation is favored for most of the state, especially in northern California

8-14 Day Outlook

Temperatures

- Above normal temperatures favored statewide

Precipitation

- Above normal precipitation favored statewide



Information provided by:

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